RaÃºl V RamÃ-rez-Velarde

List of Publications by Year
in descending order

20 papers	204 citations	1937685 4 h-index	1058476 14 g-index
20 all docs	20 docs citations	20 times ranked	232 citing authors

#	Article	IF	Citations
1	A tenant-based resource allocation model for scaling Software-as-a-Service applications over cloud computing infrastructures. Future Generation Computer Systems, 2013, 29, 273-286.	7.5	130
2	Cloud based Video-on-Demand service model ensuring quality of service and scalability. Journal of Network and Computer Applications, 2016, 70, 102-113.	9.1	17
3	Adaptive Resource Allocation with Job Runtime Uncertainty. Journal of Grid Computing, 2017, 15, 415-434.	3.9	14
4	A gamma fractal noise source model for variable bit rate video servers. Computer Communications, 2004, 27, 1786-1798.	5.1	7
5	Security in all-optical networks: Failure and attack avoidance using self-organization. , 2008, , .		7
6	Performance analysis of a VBR video server with gamma distributed MPEG data. , 2003, 5244, 131.		4
7	A Parallel Implementation of Singular Value Decomposition for Video-on-demand Services Design Using Principal Component Analysis. Procedia Computer Science, 2014, 29, 1876-1887.	2.0	4
8	Education 2.0: Student Generated Learning Materials through Collaborative Work. Procedia Computer Science, 2014, 29, 1835-1845.	2.0	3
9	Optimal pricing model based on reduction dimension: A case of study for convenience stores. Procedia Computer Science, 2017, 108, 2079-2089.	2.0	3
10	The Role of Computational Science and Emerging Technologies in the Natural Sciences Education at University Level. Procedia Computer Science, 2012, 9, 1789-1798.	2.0	2
11	Overcoming Uncertainty on Video-on-Demand Server Design by Using Self-Similarity and Principal Component Analysis. Procedia Computer Science, 2013, 18, 2327-2336.	2.0	2
12	Do learning activities matter?. , 2015, , .		2
13	Mathematical Modelling Based Learning Strategy. Procedia Computer Science, 2015, 51, 1694-1704.	2.0	2
14	Predictive Analytics with Factor Variance Association. Lecture Notes in Computer Science, 2019, , 346-359.	1.3	2
15	An integrated availability analysis of RoF networks. , 2008, , .		1
16	From commodity computers to highâ€performance environments: scalability analysis using selfâ€similarity, large deviations and heavyâ€tails. Concurrency Computation Practice and Experience, 2010, 22, 1494-1515.	2.2	1
17	The Impact of Learning Activities on the Final Grade in Engineering Education. Procedia Computer Science, 2016, 80, 1812-1821.	2.0	1
18	Kolb's Learning Styles, Learning Activities and Academic Performance in a Massive Private Online Course. Lecture Notes in Computer Science, 2018, , 327-341.	1.3	1

#	Article	IF	Citations
19	Self-similarity and Multidimensionality: Tools for Performance Modelling of Distributed Infrastructure. Lecture Notes in Computer Science, 2008, , 812-821.	1.3	1
20	Models for wireless H.264 video-on-demand services using self-similarity and heavy-tails. Wireless Networks, 2017, 23, 2239-2252.	3.0	0